

City of Madison – Parks Division Pesticide Use Summary - 2005, 2017

Prepared by IPM Institute based on information included in "Pesticide appl report 2005a.doc" and "2017 Parks Pesticide Report_w.o policy.pdf"

Summaries of 2005 and 2017 pesticide applications made at Olbrich Botanical Gardens and City of Madison golf course properties included for direct comparison.

| All City of Madison Parks Applications | | |
|--|-------|-------|
| Total Lbs AI Applied | | |
| Risk Tier | 2005 | 2017 |
| Tier 1 | 1,710 | 2,579 |
| Tier 2 | 220 | 584 |
| Tier 3 | 41 | 4 |
| Total | 1,972 | 3,166 |

| Olbrich Botanical Gardens | | |
|---------------------------|------|------|
| Total Lbs AI Applied | | |
| Risk Tier | 2005 | 2017 |
| Tier 1 | 13 | 129 |
| Tier 2 | 2 | 15 |
| Tier 3 | 2 | 0 |
| Total | 17 | 144 |

| City of Madison Golf Courses | | |
|------------------------------|-------|-------|
| Total Lbs AI Applied | | |
| Risk Tier | 2005 | 2017 |
| Tier 1 | 1,640 | 2,018 |
| Tier 2 | 221 | 342 |
| Tier 3 | 40 | 3 |
| Total | 1,900 | 2,363 |

| All City of Madison Parks Applications | | |
|--|-------|-------|
| Total Lbs AI Applied | | |
| Pesticide Category | 2005 | 2017 |
| Insecticide | 518 | 375 |
| Fungicide | 1,128 | 2,035 |
| Herbicide | 209 | 630 |
| Other* | 116 | 126 |
| Total | 1,972 | 3,166 |

| Olbrich Botanical Gardens | | |
|---------------------------|------|------|
| Total Lbs AI Applied | | |
| Pesticide Category | 2005 | 2017 |
| Insecticide | 4 | 141 |
| Fungicide | 1 | 0 |
| Herbicide | 11 | 3 |
| Other* | 1 | 0 |
| Total | 17 | 144 |

| City of Madison Golf Courses | | |
|------------------------------|-------|-------|
| Total Lbs AI Applied | | |
| Pesticide Category | 2005 | 2017 |
| Insecticide | 514 | 55 |
| Fungicide | 1,127 | 2,035 |
| Herbicide | 143 | 147 |
| Other* | 116 | 126 |
| Total | 1,900 | 2,363 |

Olbrich Botanical Gardens and golf courses are listed by name in both 2005 and 2017 records and are therefore more directly comparable than total applications and lbs. across all sites.

*Pesticide categories including algaecides, miticides, rodenticides, plant growth regulators and pesticide adjuvants are not significant for direct comparison.